

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S29	5	((("5211238") or ("5402849") or ("5188176") or ("5942031") or ("5476142"))).PN.	USPAT; USOCR	OR	OFF	2009/03/25 07:25
S31	460	166/115.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 07:31
S30	121	166/116.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 07:31
S32	225	166/182.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 07:34
S33	41	S30 and (expand\$4 swell\$3 swell\$1able\$1 swell\$1abilit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 07:37
S34	4	S30 and (swell\$3 swell\$1able\$1 swell\$1abilit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 07:39
S35	26	("1712029"   "2323321"   "3083768"   "3107930"   "3136366"   "3252516"   "4477104"   "4512406").PN. OR ("4612985").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/25 07:41

S37	30	("20040020662"   "20040055758"   "20040055760"   "20040118572"   "20040123983"   "20040194971"   "20040261990"   "20050067170"   "20050077052"   "20050092363"   "20050110217"   "20050171248"   "20050199401"   "20060278391"   "20070012444"   "20070151724"   "20070158060"   "3918523"   "4137970"   "4612985"   "4862967"   "4919989"   "4936386"   "5048605"   "5195583"   "6073692"   "6286603"   "6834725"   "6848505"   "6854522").PN. OR ("7441596").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/25 07:44
S36	27	("20040020662"   "20040055760"   "20040118572"   "20040194971"   "20040261990"   "20050067170"   "20050092363"   "20050110217"   "20050171248"   "2814947"   "3385367"   "3918523"   "4137970"   "4524982"   "4612985"   "4862967"   "4919989"   "4936386"   "5048605"   "5195583"   "6073692"   "6581682"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/25 07:44

		"6834725"   "6848505"   "6854522").PN. OR ("7422071").URPN.				
S38	6	((("6173788") or ("2253092") or ("3899631") or ("7264061") or ("6808024")).PN.	USPAT; USOCR	OR	OFF	2009/03/25 07:49
S39	27	("20040020662"   "20040055760"   "20040118572"   "20040194971"   "20040261990"   "20050067170"   "20050092363"   "20050110217"   "20050171248"   "2814947"   "3385367"   "3918523"   "4137970"   "4524982"   "4612985"   "4862967"   "4919989"   "4936386"   "5048605"   "5195583"   "6073692"   "6581682"   "6834725"   "6848505"   "6854522").PN. OR ("7422071").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/25 07:54
S40	6	((("6446717") or ("4936386") or ("3842912") or ("6302214") or ("4528104") or ("5709269")).PN.	USPAT; USOCR	OR	OFF	2009/03/25 08:04
S41	42	("3047065"   "3220437"   "3362476"   "3387656"   "3417824").PN. OR ("3918523").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/25 08:42
S42	5	("3387656").URPN.	USPAT	OR	OFF	2009/03/25 08:54

S43	23	("2230626"   "3110346"   "3387656"   "3387661"   "3918522"   "4440226"   "4495997"   "4607698").PN. OR ("4716965").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/25 08:58
S45	10	(S29 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43) and ((expand \$4 with foam\$3) same (swell\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/25 09:21
S44	0	(S29 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43) and ((expand \$4 with foam\$3) same (swell\$4 with elastomer \$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/25 09:21
S47	250	S46 not (S29 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S33 S34)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/25 09:28
S46	256	(S31 S32) and (expand \$4 swell\$3 swell\$1able \$1 swell\$1abilit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:28
S48	1	("4716965").PN.	USPAT; USOCR	OR	OFF	2009/03/25 10:13
S49	2	("2230626").PN.	USPAT; USOCR	OR	OFF	2009/03/25 10:34
S50	1	("4240800").PN.	USPAT; USOCR	OR	OFF	2009/03/25 10:57
S51	2	(poly\$1urethane\$1 with (expand\$3 expansion\$1 swell\$3) with (oil hydrocarbon \$1)) and (subterranean well \$1bore\$1 bore\$1hole \$1 down\$1hole\$1 oil \$1well\$1 oil\$1field\$1)	USPAT	OR	OFF	2009/03/25 10:58

S52	8	(polyethylene with (expand expansion swell) with (oil hydrocarbon) and (subterranean well bore hole down hole oil well oil field))	USPAT	OR	OFF	2009/03/25 11:00
S53	2	(microannulus with (drill and cement) and (subterranean well bore hole down hole oil well oil field))	USPAT	OR	OFF	2009/03/25 11:13
L1	1	("4936386").PN.	USPAT; USOCR	OR	OFF	2009/03/25 12:15

3/ 25/ 2009 12:21:03 PM

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